



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 043034/0163

Applicant: Yoshihiko SUEMURA  
Title: SWITCHING SYSTEM AND SCRAMBLE CONTROL METHOD  
Serial No.: 09/742,236  
Filed: December 22, 2000  
Examiner: Unassigned  
Art Unit: 2182

RECEIVED

SEP 0 8 2003

Technology Center 2100

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO-SB08 is a list of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR 1.97 and 1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any documents which is determined to be a prima facie prior art reference against the claims of the present application.

2182.  
#6  
9-26-03  
JM

**TIMING OF THE DISCLOSURE**

The instant Information Disclosure Statement is believed to be filed in accordance with 37 C.F.R. 1.97(b), prior to the mailing date of a first Office Action on the merits (first scenario). If that is not the case, such as in a second scenario in which a first Office Action on the merits has been mailed before the filing of the instant Information Disclosure Statement, then either a certification or fee is required, and a certification is provided below. If neither of the first or second scenarios is the case, such as if a final Office Action or a notice of allowance has been mailed by the PTO (third scenario), then both a certification and fee are required, and in that case a certification is provided below and also the PTO is authorized to obtain the necessary fee to have the instant IDS considered, from Foley & Lardner Deposit Account #19-0741.

**CERTIFICATION**

The undersigned hereby certifies in accordance with 37 C.F.R. §1.97(e)(1) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Statement.

**RELEVANCE OF EACH DOCUMENT**

A translation of a portion of a Japanese Office Action that issued July 30, 2003 with respect to a counterpart Japanese patent application is provided below.

"Regarding Reason A  
Claims: 1 through 3  
Cited Literature: 1, 2

**Remarks**

Described in Cited Literature 2 is an electronic device that houses a battery in an information input device that is freely mounted and detached with regard to the main unit of the device. A person skilled in the art could easily conceive of applying the item described in Cited Literature 2 to the device described in Cited Literature 1 and house a battery in a device that has a coordinate information output means (pointing device 1). We find that a

person skilled in the art could suitably make a configuration that operates the aforementioned main unit of the device by a battery housed in the aforementioned information input device by taking into consideration the space, etc. for housing the battery in the main unit of the device and in the information input device.

Described in Cited Literature 2 is the fact that the aforementioned main unit of the electronic device is connected with the information input device by a wireless circuit.

Consequently, the invention relation to Claims 1 through 3 of the present application could be suitably invented by a person skilled in the art based on the items described in Cited Literature 1 and 2.

Claim: 4

Cited Literature: 1, 3

#### Remarks

Described in Cited Literature 3 is a portable telephone having an input unit (trackball 13) to enter coordinate information, and described in Cited Literature 1 is a portable electronic device having a coordinate information input unit (pointing device 1) wherein the coordinate information input unit is freely attachable and detachable from the aforementioned portable electronic device. We find that a person skilled in the art would require no unique conception to make the invention related to Claim 4 of the present application by applying the item described in this Cited Literature 1 into the device described in Cited Literature 3.

Claim: 5

Cited Literature: 1 through 3

#### Remarks

We find that a person skilled in the art would require no unique conception to make the invention related to Claim 5 of the present application by applying the previously stated items described in Cited Literature 1 and 2 to the device described in Cited Literature 3.

List of Cited Literature

1. Japanese Unexamined Patent Application Publication H08-292835
2. Japanese Unexamined Patent Application Publication H09-321848
3. Japanese Unexamined Patent Application Publication H09-261311

Record of Prior Art Literature Search Results  
Fields searched - IPC 7th Edition - H04M 1/02-1/23  
G06F 3/00

Prior art literature

Japanese Unexamined Patent Application Publication H07-295740  
Japanese Unexamined Patent Application Publication H11-017791

This Record of Prior Art Literature Search Results does not constitute a reason for rejection."

Applicant's statements regarding the Japanese Office Action are based on a partial translation that Applicant's representative obtained. These statements should in no way be considered as an agreement by Applicant with, or an admission of, which is asserted in the Japanese Office Action.

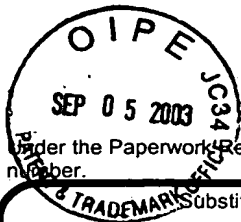
Applicant respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form-SB08 be returned in accordance with MPEP §609.

Respectfully submitted,

September 5, 2003  
Date

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: September 5, 2003 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/742,236
				Filing Date	December 22, 2000
				First Named Inventor	Yoshihiko SUEMURA
				Group Art Unit	2182
				Examiner Name	Unknown
				Attorney Docket Number	043034/0163
Sheet	1	of	1		

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A1	JP	3-123226			05/17/1991		X
	A2	JP	4-11424			01/16/1992		X
	A3	JP	4-162852			06/08/1992	<b>RECEIVED</b>  SEP 08 2003	X
	A4	JP	8-172432			07/02/1996		X
	A5	JP	10-290223			10/27/1998		X
	A6	JP	11-127120			05/11/1999		X
							Technology Center 2100	

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.